

B3 14. (Amended) The method according to claim 13, wherein the transistor includes [one of] a MOS field-effect transistor[, an insulated gate bipolar transistor and a further semiconductor switching device].

B4 23. (Amended) A method for controlling a generator having a controlled transistor bridge [, the controlled transistor bridge] including [one of a freewheeling diode and] a first transistor, the method comprising the steps of:

Sub C at least temporarily short-circuiting the controlled transistor bridge using a second transistor, the second transistor including an interrupter coupled parallel to the controlled transistor bridge;

providing a control signal to a base of the second transistor for controlling the generator; and

providing a step-up converter function using the controlled transistor bridge.

27. (Amended) A device for controlling a generator, comprising:

a controlled transistor bridge including:

a plurality of first transistors, and

B5 Sub B3 one of a second transistor coupled to the plurality of first transistors and a freewheeling diode coupled to the plurality of first transistors, wherein the controlled transistor bridge provides a step-up converter function.

29. (Amended) A device for controlling a generator, comprising:

a rectification arrangement including:

B6 a rectifier including a plurality of diodes, and

a [set] step-up converter including a plurality of transistors, each one of the plurality of transistors being coupled to a corresponding one of the plurality of diodes, wherein the plurality of transistors is controlled to enable the rectification arrangement to perform a step-up converter function.

Please add the following new claims:

B7 31. (New) The device according to claim 1, wherein the transistor includes an insulated gate bipolar transistor.

32. (New) The device according to claim 1, wherein the transistor includes a further semiconductor switching device.

33. (New) The device according to claim 13, wherein the transistor includes an insulated gate bipolar transistor.

34. (New) The device according to claim 13, wherein the transistor includes a further semiconductor switching device.

35. (New) A device for controlling a generator including a controlled transistor bridge having a freewheeling diode, comprising:

a transistor for at least temporarily short-circuiting the controlled transistor bridge, the transistor including an interrupter connected parallel to the controlled transistor bridge,

wherein the transistor has a base which receives a control signal, and

wherein the controlled transistor bridge provides a step-up converter function.

36. (New) A method for controlling a generator having a controlled transistor bridge including a freewheeling diode, the method comprising the steps of:

at least temporarily short-circuiting the controlled transistor bridge using a transistor, the transistor including an interrupter coupled parallel to the controlled transistor bridge;

providing a control signal to a base of the transistor for controlling the generator; and

providing a step-up converter function using the controlled transistor bridge.

37. (New) The method according to claim 29, wherein each one of the plurality of transistors is coupled in series only to the corresponding one of the plurality of diodes.

REMARKS

With the addition of claims 31-37, claims 1-6, 8-18, 20-24, and 27-37 are now pending in the above-referenced application and are submitted for the Examiner's reconsideration. Before proceeding to the merits of the Office Action, Applicants note that